

Customer No. 30223



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2161
#2
BT
03-19-02

In Re Application Of:

Atty. Docket No.: 47171-00298

John E. Jones

Examiner: Not Assigned

William J. Jones

Douglas U. Mennie

Paul A. Jones

Group Art Unit: 2161

Application No.: 09/965,428

Filed: September 27, 2001

For: Document Processing System Using
Full Image Scanning

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| <p align="center">CERTIFICATE OF MAILING</p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231, on February 27, 2002.</p> <p>Signature: <u>Janet L. Newmaker</u> Janet L. Newmaker</p> |
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**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. §§ 1.97 AND 1.98**

Commissioner for Patents
Washington, D.C. 20231

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Dear Sir:

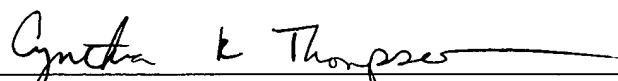
In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered, and the references listed on enclosed Form PTO-1449 be considered by the Examiner and made of record. In accordance with 37 C.F.R. § 1.98(d), copies of the listed references are enclosed.

In accordance with 37 C.F.R. §§ 1.97(g) and (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, or an admission that the information disclosed is, or is considered to be, prior art with respect to the present application or material to patentability, as defined in 37 C.F.R. § 1.56.

This Information Disclosure Statement is being filed prior to receipt of a first Office Action reflecting an examination on the merits and, hence, is believed to be timely in accordance with 37 C.F.R. § 1.97(b). Accordingly, no fee is believed to be due. Should any fee be deemed necessary (except payment of the issue fee), however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 10-0447 (47171-00298). A duplicate copy of this Statement is enclosed for that purpose.

Respectfully submitted,

Date: February 27, 2002


Cynthia K. Thompson
Reg. No. 48,655
Jenkins & Gilchrist
225 West Washington Street, Suite 2600
Chicago, IL 60606-3418
(312) 425-3900
Attorney for Applicants



Form PTO-1449 (Rev. 10-1999)

LIST OF PRIOR ART CITED BY APPLICANT

Sheet 1 of 14

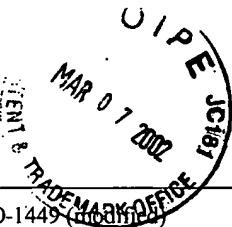
Application No.: 09/965,428
Filing Date: September 27, 2001
First Named Inventor: John E. Jones
Group Art Unit: 2161
Examiner: Not Assigned
Attorney Docket No.: 47171-00298

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U.S. PATENT DOCUMENTS

| Examiner Initial | Ref. | Document Number | Date | Name | Class | Sub-Class | Filing Date (if Application) |
|------------------|------|-----------------|---------|------------------|-------|-----------|------------------------------|
| | A1 | Des. 369,984 | 05/1996 | Larsen | D10 | 97 | |
| | A2 | Des. 427,623 | 07/2000 | Kuwada et al. | D18 | 3 | |
| | A3 | Re. 31,692 | 10/1984 | Tyburski et al. | 382 | 7 | |
| | A4 | 446,303 | 02/1891 | Thompson | | | |
| | A5 | 2,669,998 | 02/1954 | Buchholz | 133 | 8 | |
| | A6 | 2,750,949 | 06/1956 | Kulo et al. | 250 | 8 | |
| | A7 | 2,835,260 | 05/1958 | Buchholz | 133 | 8 | |
| | A8 | 3,246,295 | 04/1966 | DeClariss et al. | 382 | 56 | |
| | A9 | 3,280,974 | 10/1966 | Riddle et al. | 209 | 111.8 | |
| | A10 | 3,443,107 | 05/1969 | Modglin | 250 | 219 | |
| | A11 | 3,480,785 | 11/1969 | Aufderheide | 250 | 219 | |
| | A12 | 3,496,370 | 02/1970 | Haville et al. | 250 | 219 | |
| | A13 | 3,509,535 | 04/1970 | Berube | 340 | 149 | |
| | A14 | 3,612,835 | 10/1971 | Andrews et al. | 235 | 61.11D | |
| | A15 | 3,618,765 | 11/1971 | Syoasel et al. | 209 | 122 | |
| | A16 | 3,656,615 | 04/1972 | Ptacek | 209 | 73 | |
| | A17 | 3,679,314 | 07/1972 | Mustert | 356 | 71 | |
| | A18 | 3,715,031 | 02/1973 | Okkonen | 209 | 75 | |
| | A19 | 3,725,667 | 04/1973 | Schwartz | 250 | 219 DQ | |
| | A20 | 3,764,899 | 10/1973 | Peterson | 324 | 61.R | |
| | A21 | 3,778,628 | 12/1973 | Novak et al. | 250 | 556 | |
| | A22 | 3,782,543 | 01/1974 | Martelli et al. | 209 | 75 | |
| | A23 | 3,798,603 | 03/1974 | Wahlberg | 340 | 149 | |
| | A24 | 3,800,078 | 03/1974 | Cochran et al. | 178 | 7.1 | |
| | A25 | 3,842,281 | 10/1974 | Goodrich | 250 | 461 | |

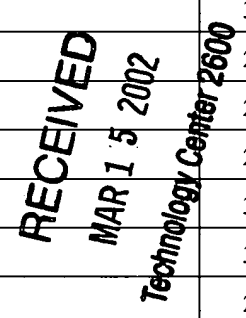
*Examiner: Initial if citations considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



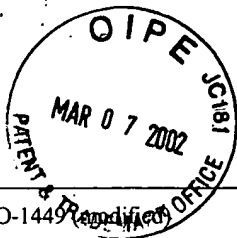
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|--|---|--|------------|--|--------------|--------------------|-----------------------|---------------|-----------------|------|-----------|--------------|----------------------|-------------|--|
| Form PTO-1449 (Rev. 10-1997) LIST OF PRIOR ART CITED BY APPLICANT Sheet 2 of 14 | <table style="width:100%;"> <tr> <td style="width:35%;">Application No.:</td> <td style="width:30%;">09/965,428</td> <td rowspan="5" style="text-align: center; vertical-align: middle;"> RECEIVED MAR 12 2002 Technology Center 2100 </td> </tr> <tr> <td>Filing Date:</td> <td>September 27, 2001</td> </tr> <tr> <td>First Named Inventor:</td> <td>John E. Jones</td> </tr> <tr> <td>Group Art Unit:</td> <td>2161</td> </tr> <tr> <td>Examiner:</td> <td>Not Assigned</td> </tr> <tr> <td>Attorney Docket No.:</td> <td>47171-00298</td> <td></td> </tr> </table> | Application No.: | 09/965,428 | RECEIVED MAR 12 2002 Technology Center 2100 | Filing Date: | September 27, 2001 | First Named Inventor: | John E. Jones | Group Art Unit: | 2161 | Examiner: | Not Assigned | Attorney Docket No.: | 47171-00298 | |
| Application No.: | 09/965,428 | RECEIVED MAR 12 2002 Technology Center 2100 | | | | | | | | | | | | | |
| Filing Date: | September 27, 2001 | | | | | | | | | | | | | | |
| First Named Inventor: | John E. Jones | | | | | | | | | | | | | | |
| Group Art Unit: | 2161 | | | | | | | | | | | | | | |
| Examiner: | Not Assigned | | | | | | | | | | | | | | |
| Attorney Docket No.: | 47171-00298 | | | | | | | | | | | | | | |

U.S. PATENT DOCUMENTS (continued)

| Examiner Initial | Ref. | Document Number | Date | Name | Class | Sub-Class | Filing Date (if Application) |
|------------------|------|-----------------|---------|---------------------|-------|-----------|------------------------------|
| | A26 | 3,870,629 | 03/1975 | Carter et al. | 209 | 111.8 | |
| | A27 | 3,906,449 | 09/1975 | Marchak | 340 | 149R | |
| | A28 | 3,930,582 | 01/1976 | Gartner et al. | 209 | 88 | |
| | A29 | 3,966,047 | 06/1976 | Steiner | 209 | 75 | |
| | A30 | 3,976,198 | 08/1976 | Carnes, Jr., et al. | 209 | 111.7T | |
| | A31 | 4,023,011 | 05/1977 | Nakajima et al. | 235 | 61.11R | |
| | A32 | 4,041,456 | 08/1977 | Ott et al. | 382 | 135 | |
| | A33 | 4,096,991 | 06/1978 | Iguchi | 235 | 419 | |
| | A34 | 4,114,804 | 09/1978 | Jones et al. | 235 | 476 | |
| | A35 | 4,166,945 | 09/1979 | Inoyama et al. | 235 | 379 | |
| | A36 | 4,179,685 | 12/1979 | O'Maley | 340 | 146.3H | |
| | A37 | 4,187,463 | 02/1980 | Kivenson | 324 | 228 | |
| | A38 | 4,205,780 | 06/1980 | Burns et al. | 235 | 454 | |
| | A39 | 4,231,014 | 10/1980 | Ponzio | 340 | 146.3 Y | |
| | A40 | 4,237,378 | 12/1980 | Jones | 250 | 223R | |
| | A41 | 4,250,806 | 02/1981 | Boyson et al. | 101 | 2 | |
| | A42 | 4,264,808 | 04/1981 | Owens et al. | 235 | 379 | |
| | A43 | 4,275,874 | 06/1981 | DiBlasio | 271 | 4 | |
| | A44 | 4,277,774 | 07/1981 | Fujii et al. | 340 | 146.3 | |
| | A45 | 4,283,708 | 08/1981 | Lee | 340 | 146.3Z | |
| | A46 | 4,288,781 | 09/1981 | Sellner et al. | 340 | 146.30 | |
| | A47 | 4,310,885 | 01/1982 | Azcua et al. | 364 | 405 | |
| | A48 | 4,311,914 | 01/1982 | Huber | 250 | 556 | |
| | A49 | 4,321,672 | 03/1982 | Braun et al. | 364 | 408 | |
| | A50 | 4,334,619 | 06/1982 | Horino et al. | 209 | 551 | |



*Examiner: Initial if citations considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



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|---|-------------------------------------|--|
| Form PTO-1449 (Rev. 11/89) | Application No.: 09/965,428 | RECEIVED MAR 12 2002 Technology Center 2100 |
| LIST OF PRIOR ART CITED BY APPLICANT | Filing Date: September 27, 2001 | |
| | First Named Inventor: John E. Jones | |
| | Group Art Unit: 2161 | |
| | Examiner: Not Assigned | |
| Sheet 3 of 14 | Attorney Docket No.: 47171-00298 | |

U.S. PATENT DOCUMENTS (continued)

| Examiner Initial | Ref. | Document Number | Date | Name | Class | Sub-Class | Filing Date (if Application) |
|------------------|------|-----------------|---------|-----------------|-------|-----------|------------------------------|
| | A51 | 4,337,864 | 07/1982 | McLean | 209 | 534 | |
| | A52 | 4,349,111 | 09/1982 | Shah et al. | 209 | 534 | |
| | A53 | 4,352,988 | 10/1982 | Ishida | 250 | 559 | |
| | A54 | 4,355,300 | 10/1982 | Weber | 340 | 146.3C | |
| | A55 | 4,355,369 | 10/1982 | Garvin | 364 | 900 | |
| | A56 | 4,356,473 | 10/1982 | Freudenthal | 340 | 146.3H | |
| | A57 | 4,381,447 | 04/1983 | Horvath et al. | 250 | 223 | |
| | A58 | 4,386,432 | 05/1983 | Nakamura et al. | 382 | 7 | |
| | A59 | 4,396,902 | 08/1983 | Warthan et al. | 382 | 64 | |
| | A60 | 4,420,153 | 12/1983 | Winkler et al. | 271 | 304 | |
| | A61 | 4,441,205 | 04/1984 | Berkin et al. | 382 | 8 | |
| | A62 | 4,442,541 | 04/1984 | Finkel et al. | 382 | 7 | |
| | A63 | 4,449,240 | 05/1984 | Yoshida | 382 | 15 | |
| | A64 | 4,461,028 | 07/1984 | Okubo | 382 | 15 | |
| | A65 | 4,464,786 | 08/1984 | Nishito et al. | 382 | 7 | |
| | A66 | 4,464,787 | 08/1984 | Fish et al. | 382 | 7 | |
| | A67 | 4,480,177 | 10/1984 | Allen | 235 | 379 | |
| | A68 | 4,487,306 | 12/1984 | Nao et al. | 194 | 4 | |
| | A69 | 4,490,846 | 12/1984 | Ishida et al. | 382 | 7 | |
| | A70 | 4,513,439 | 04/1985 | Gorgone et al. | 382 | 7 | |
| | A71 | 4,539,702 | 09/1985 | Oka | 382 | 7 | |
| | A72 | 4,542,829 | 09/1985 | Emery et al. | 209 | 534 | |
| | A73 | 4,544,266 | 10/1985 | Antes | 356 | 71 | |
| | A74 | 4,547,896 | 10/1985 | Ohtombe et al. | 382 | 7 | |
| | A75 | 4,553,222 | 11/1985 | Kurland et al. | 364 | 900 | |

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|---|-------------------------------------|
| Form PTO-1449 (modified) | Application No.: 09/965,428 |
| LIST OF PRIOR ART CITED BY APPLICANT | Filing Date: September 27, 2001 |
| | First Named Inventor: John E. Jones |
| | Group Art Unit: 2161 |
| | Examiner: Not Assigned |
| Sheet 4 of 14 | Attorney Docket No.: 47171-00298 |

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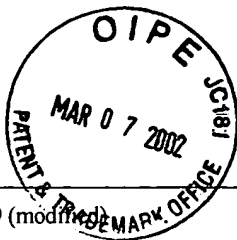
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U.S. PATENT DOCUMENTS (continued)

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| | A76 | 4,553,846 | 11/1985 | Hilton et al. | 356 | 429 | |
| | A77 | 4,556,140 | 12/1985 | Okada | 194 | 4 | |
| | A78 | 4,558,224 | 12/1985 | Gober | 250 | 460.1 | |
| | A79 | 4,559,451 | 12/1985 | Curl | 250 | 560 | |
| | A80 | 4,563,771 | 01/1986 | Gorgone et al. | 382 | 7 | |
| | A81 | 4,567,370 | 01/1986 | Falls | 250 | 461.1 | |
| | A82 | 4,584,529 | 04/1986 | Aoyama | 324 | 261 | |
| | A83 | 4,587,412 | 05/1986 | Apisdorf | 235 | 449 | |
| | A84 | 4,587,434 | 05/1986 | Roes et al. | 250 | 556 | |
| | A85 | 4,590,606 | 05/1986 | Rohrer | 382 | 7 | |
| | A86 | 4,592,090 | 05/1986 | Curl et al. | 382 | 7 | |
| | A87 | 4,593,184 | 06/1986 | Bryce | 2235 | 449 | |
| | A88 | 4,594,644 | 06/1986 | Hashimoto | 364 | 405 | |
| | A89 | 4,602,332 | 07/1986 | Hirose et al. | 364 | 408 | |
| | A90 | 4,605,926 | 08/1986 | Onishi et al. | 340 | 825.3 | |
| | A91 | 4,611,345 | 09/1986 | Ohnishi et al. | 382 | 7 | |
| | A92 | 4,617,458 | 10/1986 | Bryce | 235 | 449 | |
| | A93 | 4,628,194 | 12/1986 | Dobbins et al. | 235 | 379 | |
| | A94 | 4,645,936 | 02/1987 | Gorgone | 250 | 556 | |
| | A95 | 4,653,647 | 03/1987 | Hashimoto | 209 | 534 | |
| | A96 | 4,658,289 | 04/1987 | Nagano et al. | 358 | 75 | |
| | A97 | 4,676,343 | 06/1987 | Humble et al. | 186 | 61 | |
| | A98 | 4,677,682 | 06/1987 | Miyagawa et al. | 382 | 7 | |
| | A99 | 4,686,357 | 08/1987 | Douno et al. | 235 | 379 | |
| | A100 | 4,694,963 | 09/1987 | Takesako | 209 | 534 | |

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| | Group Art Unit: 2161 |
| | Examiner: Not Assigned |
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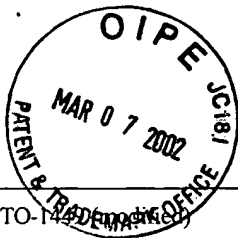
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| | A101 | 4,700,368 | 10/1987 | Munn et al. | 377 | 8 | |
| | A102 | 4,716,456 | 12/1987 | Hosaka | 358 | 75 | |
| | A103 | 4,733,308 | 03/1988 | Nakamura et al. | 358 | 496 | |
| | A104 | 4,743,743 | 05/1988 | Fukatsu | 235 | 379 | |
| | A105 | 4,743,974 | 05/1988 | Lockwood | 358 | 285 | |
| | A106 | 4,748,679 | 05/1988 | Gold et al. | 382 | 61 | |
| | A107 | 4,749,087 | 06/1988 | Buttifiant | 209 | 534 | |
| | A108 | 4,764,725 | 08/1988 | Bryce | 324 | 234 | |
| | A109 | 4,764,976 | 08/1988 | Kallin et al. | 382 | 65 | |
| | A110 | 4,782,328 | 11/1988 | Denlinger | 340 | 365 | |
| | A111 | 4,803,347 | 02/1989 | Sugahara et al. | 235 | 379 | |
| | A112 | 4,806,709 | 02/1989 | Evans | 178 | 19 | |
| | A113 | 4,811,004 | 03/1989 | Person et al. | 340 | 712 | |
| | A114 | 4,817,176 | 03/1989 | Marshall et al. | 382 | 43 | |
| | A115 | 4,821,332 | 04/1989 | Durham | 382 | 7 | |
| | A116 | 4,823,393 | 04/1989 | Kawakami | 382 | 7 | |
| | A117 | 4,825,246 | 04/1989 | Fukuchi et al. | 355 | 4 | |
| | A118 | 4,827,531 | 05/1989 | Milford | 382 | 7 | |
| | A119 | 4,837,842 | 06/1989 | Holt | 382 | 26 | |
| | A120 | 4,841,358 | 06/1989 | Kammoto et al. | 358 | 75 | |
| | A121 | 4,851,616 | 07/1989 | Wales et al. | 178 | 18 | |
| | A122 | 4,877,230 | 10/1989 | Winkler et al. | 271 | 3 | |
| | A123 | 4,880,096 | 11/1989 | Kobayashi et al. | 194 | 206 | |
| | A124 | 4,881,268 | 11/1989 | Uchida et al. | 382 | 7 | |
| | A125 | 4,883,181 | 11/1989 | Yoshikawa | 209 | 534 | |

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| Form PTO-144 (Rev. 10-01) | Application No.: 09/965,428 |
| LIST OF PRIOR ART CITED BY APPLICANT | Filing Date: September 27, 2001 |
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| | Group Art Unit: 2161 |
| | Examiner: Not Assigned |
| | Attorney Docket No.: 47171-00298 |

Sheet 6 of 14

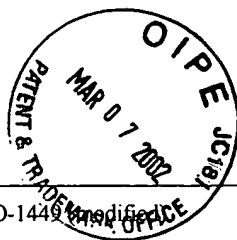
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U.S. PATENT DOCUMENTS (continued)

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| | A126 | 4,888,812 | 12/1989 | Dinan et al. | 382 | 7 | |
| | A127 | 4,903,953 | 02/1990 | Winkler et al. | 271 | 4 | |
| | A128 | 4,905,839 | 03/1990 | Yuge et al. | 209 | 534 | |
| | A129 | 4,905,840 | 03/1990 | Yuge et al. | 209 | 534 | |
| | A130 | 4,908,516 | 03/1990 | West | 250 | 556 | |
| | A131 | 4,922,109 | 05/1990 | Bercovitz et al. | 194 | 207 | |
| | A132 | 4,947,441 | 08/1990 | Hara et al. | 382 | 7 | |
| | A133 | 4,970,655 | 11/1990 | Winn et al. | 364 | 479 | |
| | A134 | 4,973,851 | 11/1990 | Lee | 250 | 556 | |
| | A135 | 4,980,543 | 12/1990 | Hara et al. | 209 | 534 | |
| | A136 | 4,992,860 | 02/1991 | Hamaguchi et al. | 358 | 75 | |
| | A137 | 4,996,604 | 02/1991 | Oqawa et al. | 358 | 486 | |
| | A138 | 5,023,782 | 06/1991 | Lutz et al. | 364 | 405 | |
| | A139 | 5,027,415 | 06/1991 | Hara et al. | 382 | 7 | |
| | A140 | 5,047,871 | 09/1991 | Meyer et al. | 358 | 486 | |
| | A141 | 5,055,834 | 10/1991 | Chiba | 340 | 825 | |
| | A142 | 5,063,599 | 11/1991 | Concannon et al. | 382 | 7 | |
| | A143 | 5,068,519 | 11/1991 | Bryce | 235 | 449 | |
| | A144 | 5,076,441 | 12/1991 | Gerlier | 209 | 534 | |
| | A145 | 5,120,944 | 06/1992 | Kern et al. | 235 | 379 | |
| | A146 | 5,122,754 | 06/1992 | Gotaas | 324 | 676 | |
| | A147 | 5,134,663 | 07/1992 | Kozlowski | 382 | 7 | |
| | A148 | 5,135,115 | 08/1992 | Miller et al. | 209 | 564 | |
| | A149 | 5,146,512 | 09/1992 | Weideman et al. | 382 | 30 | |
| | A150 | 5,151,607 | 09/1992 | Crane | 250 | 556 | |

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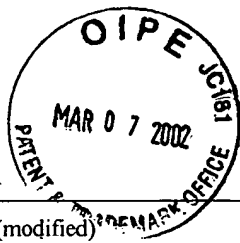


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| | First Named Inventor: John E. Jones | |
| | Group Art Unit: 2161 | |
| | Examiner: Not Assigned | |
| Sheet 7 of 14 | Attorney Docket No.: 47171-00298 | |

U.S. PATENT DOCUMENTS (continued)

| Examiner Initial | Ref. | Document Number | Date | Name | Class | Sub-Class | Filing Date (if Application) |
|------------------|------|-----------------|---------|-------------------|-------|-----------|------------------------------|
| | A151 | 5,159,548 | 10/1992 | Caslavka | 364 | 408 | |
| | A152 | 5,163,672 | 11/1992 | Mennie | 271 | 187 | |
| | A153 | 5,167,313 | 12/1992 | Dobbins et al. | 194 | 317 | |
| | A154 | 5,183,142 | 02/1993 | Katchinian et al. | 194 | 206 | |
| | A155 | 5,184,115 | 02/1993 | Black et al. | 340 | 708 | |
| | A156 | 5,186,334 | 02/1993 | Fukudome et al. | 209 | 534 | |
| | A157 | 5,187,750 | 02/1993 | Behera | 382 | 7 | |
| | A158 | 5,193,121 | 03/1993 | Elischer et al. | 382 | 7 | |
| | A159 | 5,199,543 | 04/1993 | Kamagami et al. | 194 | 207 | |
| | A160 | 5,201,395 | 04/1993 | Takizawa et al. | 194 | 206 | |
| | A161 | 5,207,788 | 05/1993 | Geib et al. | 271 | 122 | |
| | A162 | 5,231,381 | 07/1993 | Duwaer | 340 | 712 | |
| | A163 | 5,237,158 | 08/1993 | Kern et al. | 235 | 379 | |
| | A164 | 5,239,593 | 08/1993 | Wittner et al. | 382 | 14 | |
| | A165 | 5,251,738 | 10/1993 | Dabrowski | 194 | 206 | |
| | A166 | 5,261,518 | 11/1993 | Bryce | 194 | 206 | |
| | A167 | 5,279,403 | 01/1994 | Harbaugh et al. | 194 | 207 | |
| | A168 | 5,286,954 | 02/1994 | Sato et al. | 235 | 379 | |
| | A169 | 5,295,196 | 03/1994 | Rateman et al. | 382 | 135 | |
| | A170 | 5,297,030 | 03/1994 | Vassigh et al. | 364 | 405 | |
| | A171 | 5,304,813 | 04/1994 | DeMan | 250 | 556 | |
| | A172 | 5,308,992 | 05/1994 | Crane et al. | 250 | 556 | |
| | A173 | 5,309,515 | 05/1994 | Troung et al. | 382 | 7 | |
| | A174 | 5,317,140 | 05/1994 | Dunthorn | 250 | 221 | |
| | A175 | 5,321,238 | 06/1994 | Kamata et al. | 235 | 379 | |

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Form PTO-1449 (modified)

LIST OF PRIOR ART CITED BY APPLICANT

Sheet 8 of 14

Application No.: 09/965,428

Filing Date: September 27, 2001

First Named Inventor: John E. Jones

Group Art Unit: 2161

Examiner: Not Assigned

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U.S. PATENT DOCUMENTS (continued)

| Examiner Initial | Ref. | Document Number | Date | Name | Class | Sub-Class | Filing Date (if Application) |
|------------------|------|-----------------|---------|------------------|-------|-----------|------------------------------|
| | A176 | 5,335,292 | 08/1994 | Lovelady et al. | 382 | 17 | |
| | A177 | 5,341,408 | 08/1994 | Melcher et al. | 377 | 8 | |
| | A178 | 5,342,165 | 08/1994 | Graef et al. | 414 | 788.9 | |
| | A179 | 5,363,949 | 11/1994 | Matsubayashi | 194 | 206 | |
| | A180 | 5,367,577 | 11/1994 | Gotaas | 382 | 7 | |
| | A181 | 5,368,147 | 11/1994 | Menke et al. | 194 | 206 | |
| | A182 | 5,371,345 | 12/1994 | LeStrange et al. | 235 | 380 | |
| | A183 | 5,371,798 | 12/1994 | McWhortor | 380 | 51 | |
| | A184 | 5,373,550 | 12/1994 | Campbell et al. | 379 | 100 | |
| | A185 | 5,381,019 | 01/1995 | Sato | 250 | 556 | |
| | A186 | 5,394,969 | 03/1995 | Harbaugh | 194 | 206 | |
| | A187 | 5,399,874 | 03/1995 | Gonsalves et al. | 250 | 556 | |
| | A188 | 5,402,895 | 04/1995 | Mikkelsen et al. | 209 | 534 | |
| | A189 | 5,417,316 | 05/1995 | Harbaugh | 194 | 206 | |
| | A190 | 5,418,458 | 05/1995 | Jeffers | 324 | 235 | |
| | A191 | 5,419,424 | 05/1995 | Harbaugh | 194 | 206 | |
| | A192 | 5,421,443 | 06/1995 | Hatamachi et al. | 194 | 206 | |
| | A193 | 5,430,664 | 07/1995 | Cargill et al. | 364 | 550 | |
| | A194 | 5,434,427 | 07/1995 | Crane et al. | 250 | 556 | |
| | A195 | 5,437,357 | 08/1995 | Ota et al. | 194 | 206 | |
| | A196 | 5,438,184 | 08/1995 | Roberts et al. | 235 | 380 | |
| | A197 | 5,444,793 | 08/1995 | Kelland | 382 | 138 | |
| | A198 | 5,444,794 | 08/1995 | Uhland, Sr. | 382 | 137 | |
| | A199 | 5,465,301 | 11/1995 | Jotcham et al. | 380 | 54 | |
| | A200 | 5,465,821 | 11/1995 | Akioka | 194 | 207 | |

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 Attorney Docket No.: 47171-00298

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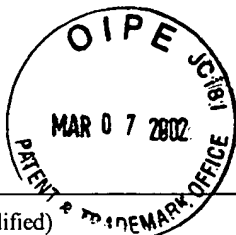
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U.S. PATENT DOCUMENTS (continued)

| Examiner Initial | Ref. | Document Number | Date | Name | Class | Sub-Class | Filing Date (if Application) |
|------------------|------|-----------------|---------|------------------|-------|-----------|------------------------------|
| | A201 | 5,467,405 | 11/1995 | Rateman et al. | 382 | 135 | |
| | A202 | 5,467,406 | 11/1995 | Graves et al. | 382 | 135 | |
| | A203 | 5,468,971 | 11/1995 | Ebstein et al. | 250 | 556 | |
| | A204 | 5,476,169 | 12/1995 | Takarada et al. | 194 | 207 | |
| | A205 | 5,481,377 | 01/1996 | Udagawa et al. | 358 | 501 | |
| | A206 | 5,488,671 | 01/1996 | Kern | 382 | 138 | |
| | A207 | 5,504,822 | 04/1996 | Holt | 382 | 218 | |
| | A208 | 5,506,691 | 04/1996 | Bednar et al. | 358 | 402 | |
| | A209 | 5,523,575 | 06/1996 | Machida et al. | 350 | 208.1 | |
| | A210 | 5,530,772 | 06/1996 | Storey | 382 | 135 | |
| | A211 | 5,537,486 | 07/1996 | Stratigos et al. | 382 | 137 | |
| | A212 | 5,544,043 | 08/1996 | Miki et al. | 364 | 406 | |
| | A213 | 5,545,885 | 08/1996 | Jagielinski | 235 | 449 | |
| | A214 | 5,592,377 | 01/1997 | Lipkin | 395 | 242 | |
| | A215 | 5,600,732 | 02/1997 | Ott et al. | 382 | 112 | |
| | A216 | 5,602,933 | 02/1997 | Blackwell et al. | 382 | 116 | |
| | A217 | 5,602,936 | 02/1997 | Green et al. | 382 | 140 | |
| | A218 | 5,607,040 | 03/1997 | Mathurin, Sr. | 194 | 207 | |
| | A219 | 5,633,949 | 05/1997 | Graves et al. | 382 | 135 | |
| | A220 | 5,640,463 | 06/1997 | Csulits | 382 | 135 | |
| | A221 | 5,652,802 | 07/1997 | Graves et al. | 382 | 135 | |
| | A222 | 5,657,846 | 08/1997 | Schwartz | 194 | 206 | |
| | A223 | 5,678,046 | 10/1997 | Cahill et al. | 395 | 616 | |
| | A224 | 5,687,963 | 11/1997 | Mennie | 271 | 119 | |
| | A225 | 5,692,067 | 11/1997 | Rateman et al. | 382 | 135 | |

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 Attorney Docket No.: 47171-00298

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U.S. PATENT DOCUMENTS (continued)

| Examiner Initial | Ref. | Document Number | Date | Name | Class | Sub-Class | Filing Date (if Application) |
|------------------|------|-----------------|---------|----------------|-------|-----------|------------------------------|
| | A226 | 5,704,491 | 01/1998 | Graves | 209 | 534 | |
| | A227 | 5,719,948 | 02/1998 | Liang | 382 | 112 | |
| | A228 | 5,724,438 | 03/1998 | Graves | 382 | 135 | |
| | A229 | 5,727,667 | 03/1998 | Nye | 382 | 135 | |
| | A230 | 5,751,840 | 05/1998 | Rateman et al. | 382 | 135 | |
| | A231 | 5,761,089 | 06/1998 | McInerney | 364 | 550 | |
| | A232 | 5,781,654 | 07/1998 | Carney | 382 | 137 | |
| | A233 | 5,790,693 | 08/1998 | Graves et al. | 382 | 135 | |
| | A234 | 5,790,697 | 08/1998 | Munro et al. | 382 | 135 | |
| | A235 | 5,806,650 | 09/1998 | Mennie et al. | 194 | 206 | |
| | A236 | 5,815,592 | 09/1998 | Mennie et al. | 382 | 135 | |
| | A237 | 5,822,448 | 10/1998 | Graves et al. | 382 | 135 | |
| | A238 | 5,832,104 | 11/1998 | Graves et al. | 382 | 135 | |
| | A239 | 5,870,487 | 02/1999 | Graves et al. | 382 | 135 | |
| | A240 | 5,875,259 | 02/1999 | Mennie et al. | 382 | 135 | |
| | A241 | 5,905,810 | 05/1999 | Jones et al. | 382 | 135 | |
| | A242 | 5,909,503 | 06/1999 | Graves et al. | 382 | 135 | |
| | A243 | 5,918,748 | 07/1999 | Clark et al. | 209 | 534 | |
| | A244 | 5,943,655 | 08/1999 | Jacobson | 705 | 30 | |
| | A245 | 5,960,103 | 09/1999 | Graves et al. | 382 | 135 | |
| | A246 | 5,966,456 | 10/1999 | Jones et al. | 382 | 135 | |
| | A247 | 5,982,918 | 11/1999 | Mennie et al. | 382 | 135 | |
| | A248 | 5,992,601 | 11/1999 | Mennie et al. | 194 | 207 | |
| | A249 | 6,012,565 | 01/2000 | Mazur | 194 | 207 | |
| | A250 | 6,028,951 | 02/2000 | Rateman et al. | 382 | 135 | |
| | A251 | 6,068,194 | 05/2000 | Mazur | 235 | 492 | |
| | A252 | 6,073,744 | 06/2000 | Rateman et al. | 194 | 207 | |

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| | | |
|---|-------------------------------------|--|
| Form PTO-1449 (modified) | Application No.: 09/965,428 | RECEIVED MAR 12 2002 Technology Center 2100 |
| LIST OF PRIOR ART CITED BY APPLICANT | Filing Date: September 27, 2001 | |
| | First Named Inventor: John E. Jones | |
| | Group Art Unit: 2161 | |
| | Examiner: Not Assigned | |
| Sheet 11 of 14 | Attorney Docket No.: 47171-00298 | |

U.S. PATENT DOCUMENTS (continued)

| Examiner Initial | Ref. | Document Number | Date | Name | Class | Sub-Class | Filing Date (if Application) |
|------------------|------|-----------------|---------|-----------------|-------|-----------|------------------------------|
| | A253 | 6,128,402 | 10/2000 | Jones et al. | 382 | 135 | |
| | A254 | US 6,237,739 B1 | 05/2001 | Mazur et al. | 194 | 207 | |
| | A255 | US 6,241,069 B1 | 06/2001 | Mazur et al. | 194 | 207 | |
| | A256 | US 6,278,795 B1 | 08/2001 | Anderson et al. | 382 | 135 | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Ref. | Document Number | Date | Country | Class | Sub-Class | Translation Yes/No |
|------------------|------|-----------------|---------|---------|-------|-----------|--------------------|
| | B1 | EP 0 071 421 | 02/1983 | Europe | G07D | 7/00 | N/A |
| | B2 | EP 0 077 464 | 04/1983 | Europe | G03H | 1/08 | No |
| | B3 | EP 0 083 062 | 07/1983 | Europe | G07D | 7/00 | N/A |
| | B4 | EP 0 101 115 | 02/1984 | Europe | G07D | 7/00 | N/A |
| | B5 | EP 0 109 743 | 05/1984 | Europe | G07D | 1/00 | N/A |
| | B6 | EP 0 185 200 | 06/1986 | Europe | | | N/A |
| | B7 | EP 0 325 364 | 07/1989 | Europe | H04N | 1/46 | N/A |
| | B8 | EP 0 338 123 | 10/1989 | Europe | G07D | 7/00 | |
| | B9 | EP 0 342 647 | 11/1989 | Europe | G07D | 7/00 | |
| | B10 | EP 0 402 627 | 12/1990 | Europe | | | |
| | B11 | EP 0 548 142 B2 | 09/1999 | Europe | G06K | 19/16 | N/A |
| | B12 | EP 0 578 875 | 01/1994 | Europe | | | N/A |
| | B13 | EP 0 612 042 A3 | 08/1994 | Europe | G07D | 7/00 | N/A |
| | B14 | EP 0 612 042 B1 | 06/1998 | Europe | G07D | 7/00 | N/A |
| | B15 | EP 0 613 107 | 08/1994 | Europe | | | |
| | B16 | EP 0 633 552 | 01/1995 | Europe | | | |
| | B17 | EP 0 633 553 | 02/1995 | Europe | | | N/A |
| | B18 | EP 0 671 696 | 09/1995 | Europe | G06F | 17/30 | N/A |

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 Examiner: Not Assigned
 Attorney Docket No.: 47171-00298

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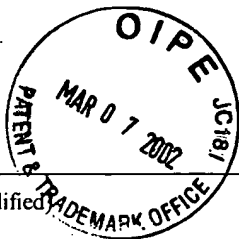
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FOREIGN PATENT DOCUMENTS (continued)

| Examiner Initial | Ref. | Document Number | Date | Country | Class | Sub-Class | Translation Yes/No |
|------------------|------|-----------------|---------|---------------|-------|-----------|--------------------|
| | B19 | EP 0 686 292 B1 | 07/2000 | Europe | G07D | 7/00 | N/A |
| | B20 | EP 0 708 419 B1 | 01/2000 | Europe | G07D | 7/00 | Claims |
| | B21 | EP 0 718 809 A2 | 06/1996 | Europe | G07D | 7/00 | N/A |
| | B22 | EP 0 760 987 B1 | 09/2000 | Europe | G07D | 7/00 | Claims |
| | B23 | EP 0 824 736 B1 | 03/2000 | Europe | G07D | 7/00 | Claims |
| | B24 | WO 90/07165 | 06/1990 | International | G07D | 7/00 | N/A |
| | B25 | WO 91/11778 | 08/1991 | International | G06K | 9/00 | N/A |
| | B26 | WO 92/14221 | 08/1992 | International | G07D | 7/00 | Abstract |
| | B27 | WO 93/23824 | 11/1993 | International | G06K | 9/00 | N/A |
| | B28 | WO 94/16412 | 07/1994 | International | G07D | 7/00 | |
| | B29 | WO 94/19773 | 09/1994 | International | G07D | 7/00 | N/A |
| | B30 | WO 95/19019 | 07/1995 | International | G07D | 7/00 | N/A |
| | B31 | WO 95/24691 | 03/1995 | International | G06K | 9/00 | N/A |
| | B32 | WO 96/10800 | 09/1995 | International | G06K | 9/00 | N/A |
| | B33 | WO 96/36933 | 11/1996 | International | G06K | 9/00 | N/A |
| | B34 | WO 97/29459 | 08/1997 | International | G07D | 7/00 | N/A |
| | B35 | WO 97/30422 | 08/1997 | International | G07D | 7/00 | N/A |
| | B36 | WO 98/24041 | 06/1998 | International | G06F | 17/60 | N/A |
| | B37 | WO 98/48383 | 10/1998 | International | G07D | 1/00 | |
| | B38 | WO 98/48384 | 10/1998 | International | G07D | 1/00 | |
| | B39 | WO 98/48385 | 10/1998 | International | G07D | 1/00 | |
| | B40 | WO 98/51082 | 11/1998 | International | H04N | 7/18 | |
| | B41 | WO 99/00776 | 01/1999 | International | G07F | 9/06 | |
| | B42 | JP 62-220843 | 09/1987 | Japan | G01N | 21/89 | Yes |
| | B43 | JP 2-12492 | 01/1990 | Japan | G07D | 7/00 | Yes |

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| | Examiner: Not Assigned | |
| Sheet 13 of 14 | Attorney Docket No.: 47171-00298 | |

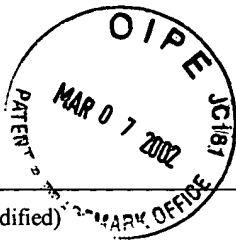
FOREIGN PATENT DOCUMENTS (continued)

| Examiner Initial | Ref. | Document Number | Date | Country | Class | Sub-Class | Translation Yes/No |
|------------------|------|-----------------|---------|---------|-------|-----------|--------------------|
| | B44 | GB 2 038 063 | 07/1980 | U.K. | G07D | 7/00 | N/A |
| | B45 | GB 2 204 166 | 11/1988 | U.K. | G06M | 9/02 | N/A |
| | B46 | GB 2 272 762 | 05/1994 | U.K. | G01N | 21/88 | N/A |

OTHER DOCUMENTS (including author, title, date, pertinent pages, etc.)

| Examiner Initial | Ref. | Document Information |
|------------------|------|--|
| | C1 | AFB Currency Recognition System (1982) |
| | C2 | Barton, Louis L., "Check Processing Operations," Chapter 8 and Appendix 2, pp. 119-140 and 225-231 (1994) |
| | C3 | Brandt, Mach 7 High-Speed Coin Sorter/Counter, 2 pages (April 1, 1993) |
| | C4 | Brandt, Model 8904 Upfeed, High Speed 4-Denomination Currency Dispenser, 2 pages (date prior to May 1996) |
| | C5 | Cash Depositing System CDS 5700 and CDS 5800 (January 3, 1995, with translation) |
| | C6 | Cash Receipt System CRS/6501/CRS6510, IREIS (February 1995) |
| | C7 | Contomat (date prior to May 13, 1996) |
| | C8 | Cummins-Allison Corp., Operating Instructions for JetScan Currency Scanner/Counter, Model 4061 (April 20, 1993) |
| | C9 | Cummins-Allison Corp., Operating Instructions for JetScan Currency Scanner/Counter, Model 4062 (November 28, 1994) |
| | C10 | Cummins-Allison Corp., Operating Instructions for JetSort® High Speed Sorter/Counter (Kits I & J), 11 pages (1993) |
| | C11 | Cummins-Allison Corp., Operator's Manual for JetScan Currency Scanner/Counter, Model 4060 (August 1991) |
| | C12 | Cummins-Allison Corp., Sale of JetScan Currency Scanner/Counter, Model 4060 (August 1991) |
| | C13 | Cummins-Allison Corp., Sale of JetScan Currency Scanner/Counter, Model 4061 (April 20, 1993) |
| | C14 | Cummins-Allison Corp., Sale of JetScan Currency Scanner/Counter, Model 4062 (November 28, 1994) |
| | C15 | Currency Systems International, Medium Speed Currency Sorting Family, CPS 600 and CPS 900, 4 pages (1994) |
| | C16 | Currency Systems International, Mr. W. Kranister in Conversation With Richard Haycock, pp. 1-5 (estimated 1994) |
| | C17 | Currency Systems International/Currency Processing Systems, CPS 300, 4 pages (1992) |
| | C18 | Glory, General Catalog of Products, System 8000 at page 5 (1996, with translation) |

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| | | Examiner: Not Assigned |
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| Sheet 14 of 14 | | RECEIVED MAR 12 2002 Technology Center 2100 |
| OTHER DOCUMENTS (including author, title, date, pertinent pages, etc.) (continued) | | |
| Examiner Initial | Ref. | Document Information |
| | C19 | Glory, GFB-200/210/220/230, Desk-Top Bank Note Counter, 2 pages (estimated date prior to August 9, 1994) |
| | C20 | Glory, GSA-500 Sortmaster, 2 pages (January 14, 1994) |
| | C21 | Glory, The New CRS-8000 Cash Redemption System (date prior to May 13, 1996) |
| | C22 | Glory, UF-1D, 2 pages (estimated date prior to August 9, 1994) |
| | C23 | ISH I2005/500 SB-Münzähler (date prior to May 13, 1996, with translation) |
| | C24 | Mosler, Inc., "The Mosler/Toshiba CF-420" (1989) |
| | C25 | NGZ 2100 (date prior to May 13, 1996) |
| | C26 | PREMA 405(RE) Self Service Coin Deposit Facility (date prior to May 13, 1996) |
| | C27 | Scan Coin CDS 600 Cash Deposit System (June 15, 1994) |
| | C28 | Scan Coin CDS 640 Cash Deposit System (June 15, 1994) |
| | C29 | Toshiba-Mosler, revised drawings of portions of CF-420 Cash Management System (FIGS. A-C) and description of same (1989) |
| | C30 | Vector Videotape (no date) |
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